

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/730,851	Confirmation No.	:	5241
Applicant	:	Arnold H. Bramnick			
Filed	:	December 9, 2003			
TC/A.U.	:	3628			
Examiner	:	Robinson Boyce, Akiba K.			
Docket No.	:	BOC9-2003-0038 (407)			

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DECLARATION UNDER 37 C.F.R. § 1.131

---

Commissioner for Patents,  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, James Burch, a citizen of the United States, residing in Cooper City, Florida, hereby declare and state as follows:

1. I was employed by International Business Machines Corporation (IBM) of Armonk, New York at the time the above-identified application was conceived. I make this declaration in support of the above-identified application.

2. IBM has invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).

3. As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2003-0035 (hereinafter "Invention Disclosure") pursuant to IBM guidelines.

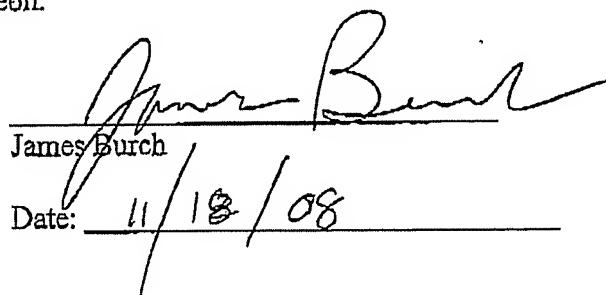
4. The Invention Disclosure was originally submitted for consideration to an IBM Attorney/Patent Professional for preparation of a patent application on February 18, 2003, and was insubstantially modified on February 26, 2003. The content of the Invention Disclosure has not been subsequently modified. The Invention Disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the

Invention Disclosure in light of the Invention Disclosure and art known at the time of the disclosure.

5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventors and I conceived of the present invention at least as early as February 18, 2003, and exercised due diligence from that date to the date of filing for the above-identified patent application.

7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.

  
\_\_\_\_\_  
James Burch  
Date: 11/18/08

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/730,851	Confirmation No.	:	5241
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Docket No.	:	BOC9-2003-0038 (407)			

---

**DECLARATION UNDER 37 C.F.R. § 1.131**

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

I, Arnold H. Bramnick, a citizen of the United States, residing in Boca Raton, Florida, hereby declare and state as follows:

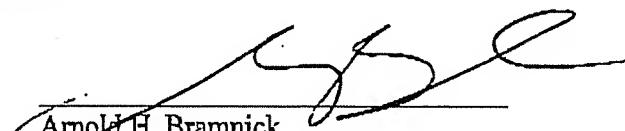
1. I was employed by International Business Machines Corporation (IBM) of Armonk, New York at the time the above-identified application was conceived. I make this declaration in support of the above-identified application.
2. IBM has invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).
3. As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2003-0035 (hereinafter "Invention Disclosure") pursuant to IBM guidelines.
4. The Invention Disclosure was originally submitted for consideration to an IBM Attorney/Patent Professional for preparation of a patent application on February 18, 2003, and was insubstantially modified on February 26, 2003. The content of the Invention Disclosure has not been subsequently modified. The Invention Disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the

Invention Disclosure in light of the Invention Disclosure and art known at the time of the disclosure.

5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventors and I conceived of the present invention at least as early as February 18, 2003, and exercised due diligence from that date to the date of filing for the above-identified patent application.

7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.



Arnold H. Bramnick  
Date: 11/18/08

## Disclosure BOC8-2003-0035



Prepared for and/or by an IBM Attorney - IBM Confidential

Created By Arnold H Bramnick On 02/18/2003 12:05:09 PM MST  
 Last Modified By Elaine Venturelli On 02/26/2003 01:39:46 PM EST

Required fields are marked with the asterisk (\*) and must be filled in to complete the form .

### **\*Title of disclosure (in English)**

A method to reaccommodate airline passengers on an individualized basis via a self service device

### **Summary**

Status	Under Evaluation		
Final Deadline			
Final Deadline			
Reason			
*Processing Location	Boca Raton		
*Functional Area	[REDACTED]		
Attorney/Patent Professional	Richard Tomlin/Boca Raton/IBM		
IDT Team	[REDACTED]		
Submitted Date	02/19/2003 05:48:06 AM MST		
*Owning Division	[REDACTED]		
Incentive Program			
Lab			

### **Inventors with a Blue Pages entry**

Inventors: Arnold H Bramnick/Fort Lauderdale/IBM, Lee Farnum/Southbury/IBM, Ken Burch/Fort Lauderdale/IBM

Inventor Name	Inventor Serial	Inventor Div/Dept	Inventor Phone	Manager Name
[REDACTED]				

> denotes primary contact

### **Inventors without a Blue Pages entry**

#### **IDT Selection**

#### **\*Main Idea**

1. Background: What is the problem solved by your invention? Describe known solutions to this problem (if any). What are the drawbacks of such known solutions, or why is an additional solution required? Cite any relevant technical documents or references.

In the airline industry, there are times when a passenger misses a flight (examples are; delayed inbound

flight or flight cancellation). When this happens passengers are rebooked automatically if possible, but often the passenger must wait in line to talk to a customer service representatives (CSR) and rework the flight schedule. We propose to create a function which is intended to be hosted on self service machines, such as kiosks, which would allow passengers to reaccommodate themselves. The options for reaccommodation offered to the passenger would differ based upon information which resides in several different databases, including financial information

THIS INVENTION WAS CREATED ON 12/12/2002. An HTML based demo (static pages) was completed 1 week later

2. Summary of Invention: Briefly describe the core idea of your invention (saving the details for questions #3 below). Describe the advantage(s) of using your invention instead of the known solutions described above.

This invention proposes the creation of a business intelligence system which would have access to financial information presently found in many databases. In the event of a flight cancelation or missed connection, the system would, in real time, aggregate data from airline support and revenue accounting systems and present a set of rebooking options to the passenger via a kiosk (or other self service interface). The goal is to maximize revenue retention both in ticket value and customer goodwill. Information accessed would include (but not be limited to)

Remaining value of passenger ticket coupons

Value of passenger to airline

The goal is to minimize the current and future loss to the airline due when passengers need to be reaccommodated

An example of the above problem is as follows:

XX flight 123 is late on arrival by 45 minutes causing 20 passengers to miss connections. There are available seats on XX flights to reaccommodate only 12 of the passengers. Which 8 should be bumped to other airlines? The airline should be interesting in keeping the passengers with tickets that have high remaining unflown value (for example; passengers connecting on the same carrier to Europe in business class would be desirable to accommodate on airline XX). Also when a passenger is reaccommodated on another airline, the protecting airline pays a pre agreed price for the seat (rule 240 involuntary reroute). The airline might not want to reaccommodate passengers traveling on super discount tickets as they will lose significant money on the interline protection.

Passengers would be offered self service kiosks (for example) to review and/or change their itinerary. The reaccommodation options offered would depend on many factors in addition to seat availability. To attempt to salvage passenger goodwill the system would include, when appropriate, offers of compensation or incentives such as bonus mileage or upgrades to a higher level of service.

3. Description: Describe how your invention works, and how it could be implemented, using text, diagrams and flow charts as appropriate.

The first 3 screen shot are intended to show reaccommodation options offered to passenger depending on the value that passenger represents to the airline. In this first screen Mr. Williams traveling to Newark NJ is offered 1 choice (with a 2 hour layover)

The screenshot shows a travel booking interface. At the top right is the Azure Airlines logo with the tagline "clearly your first choice for travel". Below the logo is a link "Start Page". The main heading "Welcome, Adam Williams" is displayed. A sub-heading "We Found the Following Options That Will Complete Your Itinerary" follows. Underneath, the text "Flights to Newark, NJ" is shown. To the left of the flight information is a button labeled "Select This Flight". The flight details are presented in a table:

Flight	Date	Departure Time	Arrival Time	Seat Availability
FLT 213	Oct 21	5:45 PM	10:45 PM	AVAILABLE

A note below the table states "Connects in Cincinnati, OH. Two Hour Layover". To the right of the flight details is a large "Continue" button with an arrow pointing right.

In this next screen shot Ms. Burch, being a more valuable customer to the airline is offered 3 options to the same Newark Airport.

 **azureairlines.com**  
clearly your first choice for travel

[Start Page](#)

## Welcome, Karen Burch

**We Apologize for the Inconvenience! We Hope the Following Options to Complete Your Itinerary are Suitable to You!**

**Flights to Newark, NJ**

Flight	Date	Departure Time	Arrival Time	Seat Availability
Flight 400	Oct 21	3:45 PM	5:45 PM	AVAILABLE

*Note: This is a flight on our partner airline, World Class Airlines.*

Flight	Date	Departure Time	Arrival Time	Seat Availability
Flight 789	Oct 21	4:45 PM	6:45 PM	STANDBY

Flight	Date	Departure Time	Arrival Time	Seat Availability
Flight 213	Oct 21	5:45 PM	10:45 PM	AVAILABLE

Connects in Cincinnati, OH. Two Hour Layover

 **Continue**

In the next screen shot, Mr. Farnum is offered 2 options one of which includes a complimentary 1st class upgrade to apologize for the inconvenience.



**azureairlines.com**  
clearly your first choice for travel

[Start Page](#)

## Welcome, Lawrence Farnum

*We Apologize for the Inconvenience! We Hope the Following Options to Complete Your Itinerary are Suitable to You!*

Flights to Los Angeles, CA

**Select This Flight**

Flight	Date	Departure Time	Arrival Time	Seat Availability
FLT 341	Oct 21	4:45 PM	6:45 PM	AVAILABLE

*Note: A First Class Seat is Available For You*

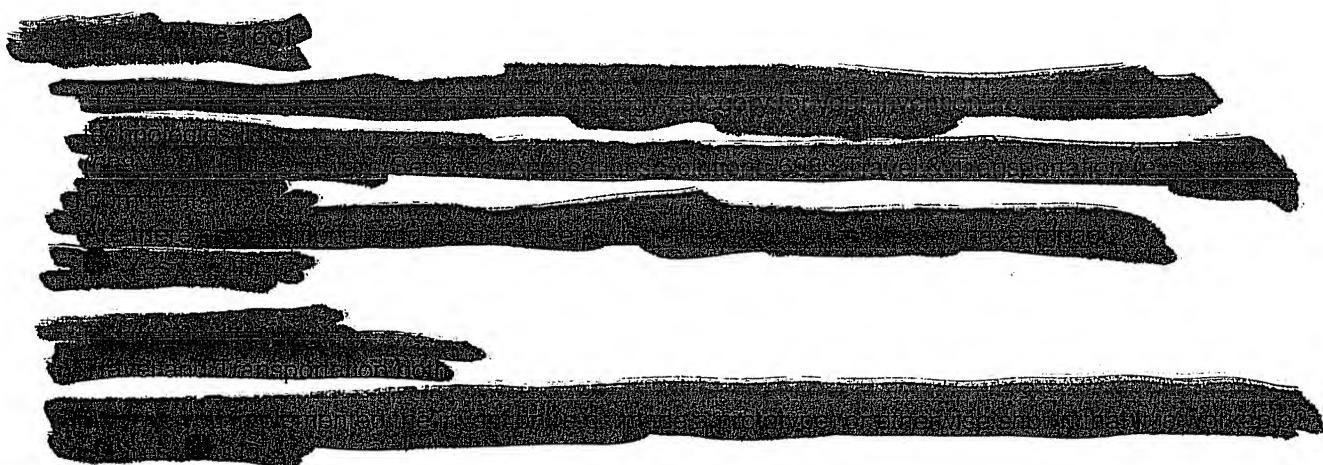
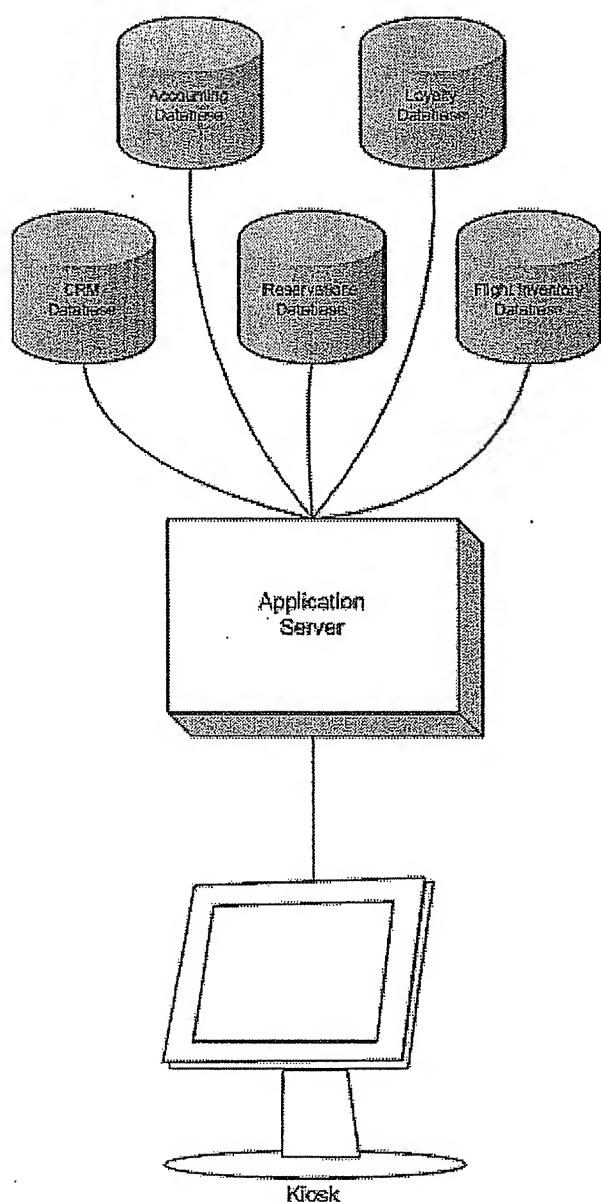
**Select This Flight**

Flight	Date	Departure Time	Arrival Time	Seat Availability
FLT 490	Oct 21	5:45 PM	9:45 PM	AVAILABLE

*Connects in Dallas/Ft. Worth, TX. Two Hour Layover*

Continue

The customers' value is determined by accessing data in the CRM and Loyalty (frequent flyer) databases. In addition to accessing the Reservations, Flight inventory and accounting databases. CRM and Loyalty will allow a program running on the application server shown below to determine the "value" of that passenger. The accounting DB is needed to determine the remaining coupon value on the flight ticket(s) and the reservations and inventory databases are required to offer reaccommodation options. The application program is provided rules by which options are offered to the passenger at the kiosk.





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Form Revised 09/01/02)



8051 Congress Avenue  
Boca Raton, FL 33487

6169-407

April 29, 2003

Akerman, Senterfitt  
222 Lakeview Avenue  
Suite 400  
West Palm Beach, FL 33401

REF: Invention Disclosure: BOC8-2003-0035

Title: A method to reaccommodate airline passengers on an individualized basis via a self service device

IBM Docket: BOC9-2003-0038

Dear Kevin,

Please prepare and file the above referenced case with the U.S. Patent and Trademark Office. A copy of the invention disclosure, patentability search results and inventor's comments are enclosed for your use in preparation of the application in accordance with IBM's format.

Sincerely,

Richard A. Tomlin

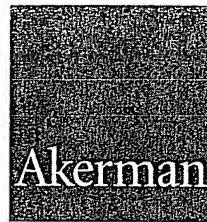
Enclosures

Exhibit "A"

RECEIVED  
DOCKETING

APR 30 2003

AKERMAN SENTERFITT, P.A.



Boca Raton  
Fort Lauderdale  
Jacksonville  
Miami  
Orlando  
Tallahassee  
Tampa  
West Palm Beach

222 Lakeview Avenue  
4th Floor  
West Palm Beach, Florida 33401-6147  
Post Office Box 3188 *mail*  
West Palm Beach, Florida 33402-3188  
[www.akerman.com](http://www.akerman.com)  
561 653 5000 *tel* 561 659 6313 *fax*

Direct Dial: 561-671-3658  
E-Mail: [kcuenot@akerman.com](mailto:kcuenot@akerman.com)

May 7, 2003

Richard A. Tomlin, Esquire  
IBM Corporation  
8051 Congress Avenue  
IMAD 4041  
Boca Raton, FL 33487

RE: New U.S. Patent Application  
METHOD TO REACCOMMODATE AIRLINE PASSENGERS ON AN  
INDIVIDUALIZED BASIS VIA A SELF SERVICE DEVICE  
IBM Docket No. BOC9-2003-0038; Our Reference No.: 6169-407

Dear Dick:

Thank you for your letter dated April 29, 2003. In accordance with IBM standard protocol, a patent application will be prepared and filed in the above-referenced matter on or before October 26, 2003. We have made a note, however, that there may be a bar date of January 1, 2004, due to a previous disclosure. Notwithstanding, we will strive to prepare the patent application in an expedient manner.

As always, thank you for allowing us to be of assistance to you.

Very truly yours,

AKERMAN SENTERFITT

A handwritten signature in black ink, appearing to read "Kevin T. Cuenot".

Kevin T. Cuenot

KTC/aa

Exhibit "B"

Alaine Allison - Draft Patent Application (BOC9-2003-0038; 6169-407)

**From:** Kevin T. Cuenot  
**To:** bramnick@us.ibm.com; Burch, Ken; lfarnum@us.ibm.com  
**Date:** 11/28/2003 3:48 PM  
**Subject:** Draft Patent Application (BOC9-2003-0038; 6169-407)  
**CC:** Allison, Alaine; esquim@us.IBM.com; Venturelli, Elaine

RE: Draft Patent Application for SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS  
ON AN INDIVIDUALIZED BASIS VIA A SELF-SERVICE DEVICE  
IBM Docket No. BOC9-2003-0038; Our Reference No. 6169-407

Dear Inventors:

Attached please find a draft of a patent application and associated drawings for your review in the above-identified matter. Please review the application carefully to ensure that the description of the invention accurately recites all of the invention's characteristics in the broadest possible manner, while also explaining, in detail, the preferred embodiment of the invention. The drawings should also be reviewed to confirm that they accurately depict the various details of the invention as you and your co-inventors understand them.

Importantly, please ensure that each inventor named on the cover sheet of the patent application has contributed to the conception of your invention as described in at least one of these claims. If, for some reason we have neglected to list an inventor who has contributed to the conception of subject matter described in a claim, please so advise us immediately.

Once you have reviewed the draft application, please forward your comments and/or any suggestions you may have.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or December 15, 2003, and as such, would appreciate your prompt attention to this request.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot  
Akerman Senterfitt  
222 Lakeview Avenue, Suite 400  
West Palm Beach, FL 33401  
(561) 671-3658 (Phone)  
(561) 659-6313 (Fax)  
E-Mail: [kcuenot@akerman.com](mailto:kcuenot@akerman.com)

Exhibit "C"

## Alaine Allison - Re: Draft Patent Application (BOC9-2003-0038; 6169-407)

**From:** Kevin T. Cuenot  
**To:** Bramnick, Arnold H  
**Date:** 12/1/2003 3:22 PM  
**Subject:** Re: Draft Patent Application (BOC9-2003-0038; 6169-407)  
**CC:** Allison, Alaine

Arnold,

Thanks for your comments. I'll add language relating to VRU's and a block in the figure.

Thanks,  
Kevin

>>> "Arnold H Bramnick" <bramnick@us.ibm.com> 12/01/03 03:01PM >>>

Kevin,  
Here are my comments (very very few) on this one. PW remains unchanged

I think I have sent you feedback on all that you sent me. Please advise if this is not the case and let me know which one(s) I still owe you

Thanks for all the help!

Cheers!

(See attached file: BRAMNICK \_ 6169-407 Draft Patent Appln.zip)

Arnold H. Bramnick  
Senior Solutions Architect  
SWG - Travel & Transportation Industry  
8051 Congress Ave.  
M/S 3097  
Boca Raton, Florida 33487

(561) 392-6696 T/L 631-8488 (voice)  
(845) 491-3330 (fax)  
(561) 703-6952 (mobile)  
bramnick@us.ibm.com

+----->  
| "Kevin T. Cuenot" |  
| <KCuenot@Akerman.|  
| com> |  
| |  
| 11/28/2003 03:47 |  
| PM |  
+----->

Exhibit "D"

>----->  
| To: Arnold H Bramnick/Fort Lauderdale/IBM@ibmus, Ken Burch/Fort Lauderdale/IBM@IBMU  
| Lee Farnum/Southbury/IBM@IBMU  
| cc: "Alaine Allison" <AAllison@Akerman.com>, Melanie Esquivel/Boca Raton/Contr/IBM@ibmus, Elaine

Venturelli/Boca Raton/IBM@IBMU  
Subject: Draft Patent Application (BOC9-2003-0038; 6169-407)

RE: Draft Patent Application for SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASIS VIA A SELF-SERVICE DEVICE  
IBM Docket No. BOC9-2003-0038; Our Reference No. 6169-407

Dear Inventors:

Attached please find a draft of a patent application and associated drawings for your review in the above-identified matter. Please review the application carefully to ensure that the description of the invention accurately recites all of the invention's characteristics in the broadest possible manner, while also explaining, in detail, the preferred embodiment of the invention. The drawings should also be reviewed to confirm that they accurately depict the various details of the invention as you and your co-inventors understand them.

Importantly, please ensure that each inventor named on the cover sheet of the patent application has contributed to the conception of your invention as described in at least one of these claims. If, for some reason we have neglected to list an inventor who has contributed to the conception of subject matter described in a claim, please so advise us immediately.

Once you have reviewed the draft application, please forward your comments and/or any suggestions you may have.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or December 15, 2003, and as such, would appreciate your prompt attention to this request.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot  
Akerman Senterfitt  
222 Lakeview Avenue, Suite 400  
West Palm Beach, FL 33401  
(561) 671-3658 (Phone)  
(561) 659-6313 (Fax)  
E-Mail: kcuenot@akerman.com

##### 6169-407.zip has been removed from this note on December 01, 2003 by  
Arnold H Bramnick

Alaine Allison - IBM Docket BOC9-2003-0038 / Our Docket 6169-407

**From:** Kevin T. Cuenot (Alaine Allison)  
**To:** Bramnick, Arnold H.; Burch, James Kendall; Farnum, Lee Elizabeth  
**Date:** 12/2/2003 2:31 PM  
**Subject:** IBM Docket BOC9-2003-0038 / Our Docket 6169-407  
**CC:** Cuenot, Kevin T.; Esquivel, Melanie; eventure@us.ibm.com

RE: Final Draft Patent Application for  
SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A INDIVIDUALIZED BASES  
VIA A SELF-SERVICE DEVICE  
IBM Docket No. BOC9-2003-0038; Our Docket No. 6169-407

Dear Inventors:

Enclosed please find for execution a final draft of the above-identified patent application, a REDLINED version of the patent application which reflects the requested revisions, Drawings, the Declaration and Power of Attorney, the Assignment, and the Oath and Assignment for the Republic of China.

After your review of the revised application, if the patent application accurately recites all of the invention's characteristics, If MS. FARNUM could please print out the formal documents, send them via overnight to Melanie Esquivel in Boca Raton, then she can have Mr. Bramnick and Mr. Burch sign and date where indicated. Ms. Esquivel will then fax the formal documents to our attention for filing.

Please keep in mind that we have been asked by the IP Law Department to file the referenced patent application in the U.S. Patent and Trademark Office on or before December 15, 2003, and as such, would appreciate your prompt attention to this request.

Please feel free to contact Mr. Cuenot or myself should you have any questions or comments.

Very truly yours,

AKERMAN SENTERFITT

Kevin T. Cuenot, Esquire\*  
222 Lakeview Avenue, Suite 400  
West Palm Beach, FL 33402-3188  
Voice: (561) 671-3658  
Fax: (561) 659-6313  
E-mail: [kcuenot@akerman.com](mailto:kcuenot@akerman.com)  
Web: [www.akerman.com](http://www.akerman.com)  
\*Licensed to practice before the  
United States Patent and Trademark Office

*Sent on Mr. Cuenot's behalf to avoid delay*

Alaine Allison  
Secretary to Kevin T. Cuenot, Esquire  
and Brian K. Buchheit, Esquire  
AKERMAN SENTERFITT  
222 Lakeview Avenue, Suite 400  
West Palm Beach, FL 33402  
PH: 561-653-5000  
FAX: 561-659-6313  
E-Mail: [aallison@akerman.com](mailto:aallison@akerman.com)

Exhibit "E"

**Mail Envelope Properties (3FCCE87A.B3B : 17 : 46339)**

**Subject:** IBM Docket BOC9-2003-0038 / Our Docket 6169-407  
**Creation Date:** 12/2/03 2:31PM  
**From:** Kevin T. Cuenot (Alaine Allison)  
**Created By:** AAllison@Akerman.com

<b>Recipients</b>	<b>Action</b>	<b>Date &amp; Time</b>
-------------------	---------------	------------------------

Akerman.com  
WPBPO2.WPBDOM2  
KCuenot CC (Kevin T. Cuenot)

us.ibm.com  
bramnick (Arnold H. Bramnick)  
esquim CC (Esquivel, Melanie)  
eventure CC (eventure@us.ibm.com)  
ken.burch (James Kendall Burch)  
lfarnum (Lee Elizabeth Farnum)

<b>Post Office</b> WPBPO2.WPBDOM2	<b>Delivered</b> Pending Pending	<b>Route</b> Akerman.com us.ibm.com
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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3622	12/02/03 02:31PM
TEXT.htm	4524	
6169-407 Final Patent.zip	405479	12/02/03 02:26PM

<b>Options</b>	
Auto Delete:	No
Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply Requested:	No
Return Notification:	None

<b>Concealed Subject:</b>	No
<b>Security:</b>	Standard
<b>To Be Delivered:</b>	Immediate
<b>Status Tracking:</b>	Delivered & Opened

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

the specification of which is attached hereto and identified by the Attorney Docket Number appearing above.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year</u>	<u>Priority Claimed</u>
---------------	----------------	-----------------------	-------------------------

I hereby claim the benefit (a) under Title 35, United States Code, § 119(e) of any U.S. application listed below and identified as a provisional application, or (b) under Title 35, United States Code, § 120 of any U.S. application listed below and not identified as a provisional application, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U.S. Application(s)

<u>Serial Number</u>	<u>Filing Date</u>	<u>Status</u>
----------------------	--------------------	---------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

J. Rodman Steele, Jr.	Reg. No. 25,931	Theodore M. Green	Reg. No. 41,801
Gregory A. Nelson	Reg. No. 30,577	Michael K. Dixon	Reg. No. 46,665
Joseph W. Bain	Reg. No. 34,290	Sarah E. Smith	Reg. No. 50,488
Stanley Kim	Reg. No. 42,730	Amy A. Ostrom	Reg. No. 52,088
Mark D. Passler	Reg. No. 40,764	Brian K. Buchheit	Reg. No. 52,667
Kevin T. Cuenot	Reg. No. 46,283	Margaret J. McLaren	Reg. No. 53,303
Neil R. Jetter	Reg. No. 46,803	Peter A. Chiabotti	Reg. No. 54,603
Pablo Meles	Reg. No. 33,739	Richard A. Tomlin	Reg. No. 24,449

Send correspondence to Gregory A. Nelson, Akerman Senterfitt, 222 Lakeview Avenue, Fourth Floor, P.O. Box 3188, West Palm Beach, Florida 33402-3188 and direct all telephone calls to Gregory A. Nelson at (561) 653-5000.

<i>First Inventor:</i>	Arnold H. BRAMNICK
------------------------	--------------------

*Signature:* \_\_\_\_\_

*Residence:* Boca Raton, FL *Date*

*Citizenship:* United States

*Post Office Address:* 7659 Newport Terrace, Boca Raton, FL 33433

<i>Second Inventor:</i>	J. Kendall BURCH
-------------------------	------------------

*Signature:* \_\_\_\_\_

*Residence:* Cooper City, FL *Date*

*Citizenship:* United States

*Post Office Address:* 3301 Bridge Road, Cooper City, FL 33026

<i>Third Inventor:</i>	Lee E. FARNUM
------------------------	---------------

*Signature:* \_\_\_\_\_

*Residence:* Fairfield, CT *Date*

*Citizenship:* United States

*Post Office Address:* 245 Unquowa Road, Unit 119, Fairfield, CT 06824

## ASSIGNMENT

WHEREAS, we:

(1)	Arnold H. Bramnick County of Palm Beach	Of Boca Raton and State of Florida
(2)	J. Kendall Burch County of Broward	Of Cooper City and State of Florida
(3)	Lee E. Farnum County of Fairfield	Of Fairfield and State of Connecticut

have invented certain improvements in

### **SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

and executed a United States patent application therefore on the following date(s):

(1) \_\_\_\_\_  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED AND SEALED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	Arnold H. Bramnick
(2)	_____	_____	J. Kendall Burch
(3)	_____	_____	Lee E. Farnum

**REPUBLIC OF CHINA OATH AND ASSIGNMENT**

1. The undersigned: Arnold H. Bramnick, J. Kendall Burch, and Lee E. Farnum

Citizen(s) of: United States

residing at: 7659 Newport Terrace, Boca Raton, FL 33433  
3301 Bridge Road, Cooper City, FL 33026  
245 Unquowa Road, Unit 119, Fairfield, CT 06824

hereby undertake that the invention/new utility model/new design entitled

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

was truly invented by us. The undersigned agree to accept punishments provided for in laws in case of any imposture, plagiarism, imitation or deceptive activities and understands that willful false statements are punishable by law.

2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design as far as the Republic of China is concerned to:

**INTERNATIONAL BUSINESS MACHINES CORPORATION**

(hereinafter called Assignee), a corporation organized and existing under the laws of the State of New York, United States of America;

and located at New Orchard Road, Armonk, New York 10504, United States of America;

and do hereby declare that the Assignee is entitled to applying for and obtaining patent rights on the invention/new utility model/new design in its own name in the Republic of China.

Signature(s)

Date

\_\_\_\_\_  
Arnold H. Bramnick

\_\_\_\_\_

\_\_\_\_\_  
J. Kendall Burch

\_\_\_\_\_

\_\_\_\_\_  
Lee E. Farnum

\_\_\_\_\_

# Exhibit "F"

Docket No.: BOC9-2003-0038 (407)

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON A INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

the specification of which is attached hereto and identified by the Attorney Docket Number appearing above.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<b>Prior Foreign Application(s)</b>			
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year</u>	<u>Priority Claimed</u>

I hereby claim the benefit (a) under Title 35, United States Code, § 119(e) of any U.S. application listed below and identified as a provisional application, or (b) under Title 35, United States Code, § 120 of any U.S. application listed below and not identified as a provisional application, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<b>Prior U.S. Application(s)</b>		
<u>Serial Number</u>	<u>Filing Date</u>	<u>Status</u>

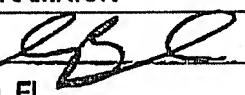
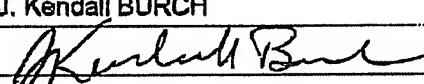
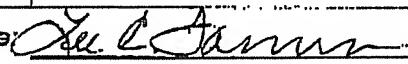
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Docket No.: BOC9-2003-0038 (407)

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

J. Rodman Steele, Jr.	Reg. No. 25,931	Theodore M. Green	Reg. No. 41,801
Gregory A. Nelson	Reg. No. 30,577	Michael K. Dixon	Reg. No. 46,665
Joseph W. Bain	Reg. No. 34,290	Sarah E. Smith	Reg. No. 50,488
Stanley Kim	Reg. No. 42,730	Amy A. Ostrom	Reg. No. 52,088
Mark D. Passler	Reg. No. 40,764	Brian K. Buchheit	Reg. No. 52,667
Kevin T. Cuenot	Reg. No. 46,283	Margaret J. McLaren	Reg. No. 53,303
Neil R. Jetter	Reg. No. 46,803	Peter A. Chlabotil	Reg. No. 54,603
Pablo Meles	Reg. No. 33,739	Richard A. Tomlin	Reg. No. 24,449

Send correspondence to Gregory A. Nelson, Akerman Senterfitt, 222 Lakeview Avenue, Fourth Floor, P.O. Box 3188, West Palm Beach, Florida 33402-3188 and direct all telephone calls to Gregory A. Nelson at (561) 653-5000.

<i>First Inventor:</i>	Arnold H. BRAMNICK	
<i>Signature:</i>		
<i>Residence:</i>	Boca Raton, FL	<i>Date</i>
<i>Citizenship:</i>	United States	
<i>Post Office</i>	7659 Newport Terrace, Boca Raton, FL 33433	
<i>Address:</i>		
<i>Second Inventor:</i>	J. Kendall BURCH	
<i>Signature:</i>		
<i>Residence:</i>	Cooper City, FL	<i>Date</i>
<i>Citizenship:</i>	United States	
<i>Post Office</i>	3301 Bridge Road, Cooper City, FL 33026	
<i>Address:</i>		
<i>Third Inventor:</i>	Lee E. FARNUM	
<i>Signature:</i>		
<i>Residence:</i>	Fairfield, CT	<i>Date</i>
<i>Citizenship:</i>	United States	
<i>Post Office</i>	245 Unquowa Road, Unit 119, Fairfield, CT 06824	
<i>Address:</i>		

# RECORDATION FORM COVER SHEET PATENTS ONLY

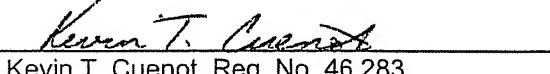
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

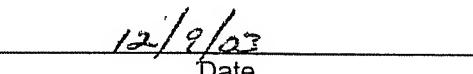
1. Name of conveying party(ies):  Arnold H. Bramnick J. Kendall Burch Lee E. Farnum	2. Name and address of receiving party(ies):  Name: International Business Machines Corporation Internal Address: Street Address: New Orchard Road Armonk, New York 10504
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Execution Dates: 12/08/03, 12/05/03, 12/02/03	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Gregory A. Nelson, Esquire Internal Address:  Street Address: AKERMAN SENTERFITT 222 Lakeview Avenue P.O. Box 3188 West Palm Beach, FL 33402-3188	6. Total number of applications and patents involved: One  7. Total Fee (37 CFR 34) .....\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number 50-0951  (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

  
Kevin T. Cuenot, Reg. No. 46,283

  
Date

Docket No. BOC9-2003-0038 (407)

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:  
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P.O. Box 1450, Alexandria, VA 22213-1450

Express Mailing Label No. EV 346756806 US

IBM Docket No.: BOC9-2003-0038 (407)

**ASSIGNMENT****WHEREAS**, we:

(1)	Arnold H. Bramnick County of Palm Beach	Of Boca Raton and State of Florida
(2)	J. Kendall Burch County of Broward	Of Cooper City and State of Florida
(3)	Lee E. Farnum County of Fairfield	Of Fairfield and State of Connecticut

have invented certain improvements in

**SYSTEM AND METHOD TO RE-ACCOMMODATE AIRLINE PASSENGERS ON AN INDIVIDUALIZED BASES VIA A SELF-SERVICE DEVICE**

and executed a United States patent application therefore on the following date(s):

(1) 12/8/2003

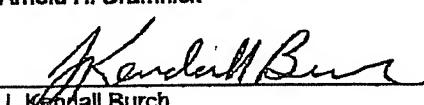
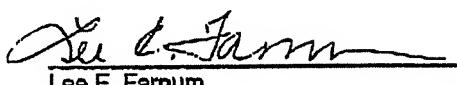
(2) \_\_\_\_\_

(3) \_\_\_\_\_

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

**SIGNED AND SEALED:**

<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1) <u>Boca Raton, FL</u>	<u>12/8/2003</u>	 Arnold H. Bramnick
(2) <u>Cooper City, FL</u>	<u>12/5/03</u>	 J. Kendall Burch
(3) <u>Fairfield, CT</u>	<u>12/2/03</u>	 Lee E. Farnum